

Title (en)
METHOD OF STABILIZING HALOGEN-FREE THERMOPLASTIC RECYCLATES, PLASTICS COMPOSITION, STABILIZER COMPOSITION AND USE OF THE STABILIZER COMPOSITION

Title (de)
VERFAHREN ZUR STABILISIERUNG VON HALOGENFREIEN THERMOPLASTISCHEN KUNSTSTOFF-REZYKLATEN, KUNSTSTOFF-ZUSAMMENSETZUNG, STABILISATOR-ZUSAMMENSETZUNG SOWIE VERWENDUNG DER STABILISATOR-ZUSAMMENSETZUNG

Title (fr)
PROCÉDÉ PERMETTANT DE STABILISER DES PRODUITS DE RECYCLAGE EN MATIÈRE SYNTHÉTIQUE, THERMOPLASTIQUES, EXEMPTS D'HALOGÈNES, COMPOSITION EN MATIÈRE SYNTHÉTIQUE, COMPOSITION STABILISATRICE ET UTILISATION DE LA COMPOSITION STABILISATRICE

Publication
EP 3914641 A1 20211201 (DE)

Application
EP 20702106 A 20200124

Priority
• DE 102019200905 A 20190124
• EP 2020051777 W 20200124

Abstract (en)
[origin: WO2020152337A1] The invention relates to a method of stabilizing halogen-free thermoplastic recyclates against oxidative, thermal and/or actinic degradation. The invention also relates to a correspondingly stabilized plastics composition, a stabilizer composition for stabilizing halogen-free thermoplastic recyclates and uses thereof.

IPC 8 full level
C08K 5/00 (2006.01); **C08J 11/04** (2006.01)

CPC (source: EP KR US)
C08F 10/06 (2013.01 - US); **C08J 11/04** (2013.01 - EP); **C08K 5/005** (2013.01 - EP KR); **C08K 5/13** (2013.01 - KR); **C08K 5/1345** (2013.01 - EP US); **C08K 5/1535** (2013.01 - KR); **C08K 5/17** (2013.01 - KR); **C08K 5/3445** (2013.01 - EP); **C08K 5/353** (2013.01 - US); **C08K 5/37** (2013.01 - US); **C08K 5/372** (2013.01 - KR); **C08K 5/405** (2013.01 - US); **C08K 5/49** (2013.01 - KR); **C08K 5/52** (2013.01 - US); **C08K 5/526** (2013.01 - EP); **C08L 23/06** (2013.01 - KR); **C08L 23/10** (2013.01 - US); **C08L 23/12** (2013.01 - KR); **C08L 101/00** (2013.01 - KR); **C08K 2201/014** (2013.01 - EP); **C08K 2201/019** (2013.01 - US); **C08L 2201/08** (2013.01 - US); **C08L 2201/22** (2013.01 - KR); **C08L 2207/20** (2013.01 - KR US); **Y02P 20/143** (2015.11 - EP); **Y02W 30/62** (2015.05 - EP KR)

C-Set (source: EP)
1. **C08K 5/3445 + C08L 23/12**
2. **C08K 5/526 + C08L 23/12**
3. **C08K 5/1345 + C08L 23/12**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020152337 A1 20200730; BR 112021013753 A2 20210921; CN 113348205 A 20210903; CN 113348205 B 20240227; DE 102019200905 A1 20200730; EP 3914641 A1 20211201; JP 2022518047 A 20220311; JP 7464611 B2 20240409; KR 20210122267 A 20211008; MX 2021008425 A 20210819; US 2022119624 A1 20220421

DOCDB simple family (application)
EP 2020051777 W 20200124; BR 112021013753 A 20200124; CN 202080010932 A 20200124; DE 102019200905 A 20190124; EP 20702106 A 20200124; JP 2021542450 A 20200124; KR 20217027001 A 20200124; MX 2021008425 A 20200124; US 202017425267 A 20200124